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What is claimed is:

1. A positioning device for a miniature fan, comprising:
 - a coil seat including a plurality of annularly spaced poles each having a stem and an arcuate section, each said stem having a winding wound therearound, each said arcuate section having a first end edge and a second end edge, and
 - a circuit board securely connected to the coil seat and including a sensor element mounted thereon, the sensor element being located on a vertical line extending from one of the first end edge and the second end edge of one of the poles.
2. The positioning device according to claim 1, wherein the pole having the first end edge aligned with the sensor element has a first mark means formed thereon, and the sensor element has a second mark means formed thereon which is aligned with the first mark means when mounting the sensor element onto the circuit board to assure that the sensor element is located on the vertical line.
3. The positioning device according to claim 2, wherein the circuit board includes a notch defined therein for securely receiving the sensor element.
4. The positioning device according to claim 3, wherein the circuit board includes a third mark means aligned with the second mark means to provide a reference for mounting the sensor element in the notch by aligning with the second mark means of the sensor element with the third mark means.

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5. The positioning device according to claim 1, wherein the pole having second first end edge aligned with the sensor element has a first mark means formed thereon, and the sensor element has a second mark means formed thereon which is aligned with the first mark means when mounting the sensor element onto the circuit board to assure that the sensor element is located on the vertical line.

6. The positioning device according to claim 5, wherein the circuit board includes a notch defined therein for securely receiving the sensor element.

7. The positioning device according to claim 6, wherein the circuit board includes a third mark means aligned with the second mark means to provide a reference for mounting the sensor element in the notch by aligning with the second mark means of the sensor element with the third mark means.

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